

Abstract of the Disclosure

Sub
A
00420" 072433

In addition to achromatization in white display and black display, achromatization in an intermediate scale display is simultaneously realized and color reproducibility is enhanced. Disclosed is a reflection-type color liquid crystal display apparatus including an active matrix substrate provided with a plurality of pixels each having a switching element and a reflection electrode 104 in a matrix shape, a liquid crystal layer 103 filled between the substrate and a glass substrate, a phase plate 102 and a polarizing plate 101, wherein for a normally black display system, projections of Stokes parameter (S_1 , S_2 , S_3) of light between the phase plate and the liquid crystal layer on S_1 - S_2 plane constitute substantially a linear line, further, polarized light at a reflecting plane of the reflection electrode is substantially circularly polarized light in any of wavelengths, retardation of the liquid crystal layer which is a product of a thickness and refractive anisotropy of the liquid crystal layer falls in a range equal to or larger than 150 nm and equal to or smaller than 340 nm, and a twist angle 113 of the liquid crystal layer falls in a range equal to or larger than 20 degrees and equal to or smaller than 70 degrees.